Journal of Vibration and Acoustics

Author Index

All authors of papers published in this volume are listed alphabetically. Full titles are included in each first author's entry. Letters in parentheses follow some of the page numbers: TB indicates Technical Brief, E indicates Errata, and D indicates Discussion.

Abd-Elwahab, Mostafa, and Sherif, Hany A. — Pre-tensioned Layer Damping as a New Approach for Vibration Control of Elastic Beams. **128**, 338–346
Åbom, Mats — (see Allam, Sabry) **128**, 347–356
Ahmadian, Mehdi — (see Koo, Jeong-Hoi) **128**, 126–131(TB)
Akbari, Javad — (see Ramezani, Asghar) **128**, 611–615
Alasty, Aria — (see Ramezani, Asghar) **128**, 611–615
Allaire, Paul E. — (see Li, Guoxin) **128**, 269–281
Allam, Sabry, and Åbom, Mats — Modeling and Testing of After-Treatment Devices. **128**, 347–356
Allezy, A. — (see Al Majid, A.) **128**, 50–55
Al Majid, A., Allezy, A., and Dufour, R. — Metric Damping of MDOF Systems in High Transient Motion. **128**, 50–55
Amati, Nicola — (see Tonoli, Andrea) **128**, 555–567
Ambarisha, Vijaya Kumar, and Parker, Robert G. — Suppression of Planet Mode Response in Planetary Gear Dynamics Through Mesh Phasing. **128**, 133–142
Amer, Y. A., Eissa, M. H., Hegazy, U. H., and Sabbah, A. S. — Dynamic Behavior of an AMB/Supported Rotor Subject to Parametric Excitation. **128**, 646–652
Andrianov, Igor V., Awrejcewicz, Jan, and Diskovsky, Alexander A. — Homogenization of Quasi-Periodic Structures. **128**, 532–534(TB)
Arnold, S. M. — (see Tzou, H. S.) **128**, 79–87
Ashebo, Demeke B. — (see Chan, Tommy H.T.) **128**, 521–526
Awrejcewicz, Jan — (see Andrianov, Igor V.) **128**, 532–534(TB)

Bae, Jae-Sung — (see Sodano, Henry A.) **128**, 294–302
Bai, Mingsian R., and Tsao, Teng-Chieh — Numerical Modeling of Head-Related Transfer Functions Using the Boundary Source Representation. **128**, 594–603
_____, **and Ou, Kwuen-Yieng** — Synthesis of Room Responses Using the Virtual Source Representation and the Comb-Nested Allpass Filters. **128**, 690–698
Balas, Mark — (see Matras, Alex L.) **128**, 682–689
Belvin, W. Keith — (see Sodano, Henry A.) **128**, 294–302
_____ (see Sodano, Henry A.) **128**, 318–327
Berlioz, A. — (see Duchemin, M.) **128**, 576–585
Bisnette, Jesse B., Smith, Adam K., Vipperman, Jeffrey S., and Budny, Daniel D. — Active Noise Control Using Phase-Compensated, Damped Resonant Filters. **128**, 148–155
Bowong, S., and Kakmeni, F. M. Moukam — Chaos Control of Uncertain Chaotic Systems via Backstepping Approach. **128**, 21–27
Brungart, Timothy A., Myer, Eric C., Capone, Dean E., Campbell, Robert L., and Petrie, Howard L. — Hydrofoil Leading Edge Isolation for Vibration and Noise Reduction in Marine Systems. **128**, 772–777
Bu, J. Q. — (see Zhu, X. Q.) **128**, 509–520
Bucher, Izhak, and Rosenstein, Moshe — Determination of External Forces—Application to the Calibration of an Electromagnetic Actuator. **128**, 545–554
Budny, Daniel D. — (see Bisnette, Jesse B.) **128**, 148–155
Burrows, C. R. — (see Cole, M. O. T.) **128**, 653–665
Butcher, Eric A. — (see Deshmukh, Venkatesh) **128**, 458–468

Cacciola, P. — (see Spanos, P. D.) **128**, 244–250
Cai, Wenjian — (see Zhou, Jing) **128**, 261–268(TB)
Campbell, Robert L. — (see Brungart, Timothy A.) **128**, 772–777
Canchi, Sripathi Vangipuram, and Parker, Robert G. — Parametric Instability of a Rotating Circular Ring With Moving, Time-Varying Springs. **128**, 231–243
Capone, Dean E. — (see Brungart, Timothy A.) **128**, 772–777
Chai, W. K. — (see Tzou, H. S.) **128**, 79–87
_____ (see Tzou, H. S.) **128**, 385–391
Chakrabarti, Anupam, Topdar, Pijush, and Hamid Sheikh, Abdul — Vibration of Pre-stressed Laminated Sandwich Plates With Interlaminar Imperfections. **128**, 673–681
Chakraborty, A., and Gopalakrishnan, S. — A Spectral Finite Element Model for Wave Propagation Analysis in Laminated Composite Plate. **128**, 477–488
Chan, Tommy H.T., and Ashebo, Demeke B. — Moving Axle Load From Multi-Span Continuous Bridge: Laboratory Study. **128**, 521–526
Chandrawat, H. N. — (see Kumar, Rajiv) **128**, 402–407(TB)
Chang, Jer-Rong — (see Ha, Jih-Lian) **128**, 88–96
Changsheng, Zhu — Experimental Investigation Into the Effect of Fluid Viscosity on Instability of an Over-hung Flexible Rotor Partially Filled With Fluid. **128**, 392–401
Chedjou, J. C., Kyamakya, K., Moussa, I., Kuchenbecker, H.-P., and Mathis, W. — Behavior of a Self-Sustained Electromechanical Transducer and Routes to Chaos. **128**, 282–293
Chen, Chieh-Li — (see Yau, Her-Terng) **128**, 176–183
Chen, Dayue — (see Zhao, Cheng) **128**, 627–634
Chen, Kuo-Shen, Yang, Tian-Shiang, and Yin, Jui-Feng — Residual Vibration Suppression for Duffing Nonlinear Systems With Electromagnetical Actuation Using Nonlinear Command Shaping Techniques. **128**, 778–789
Chen, Lesheng — (see Zhao, Cheng) **128**, 627–634
Chen, Y. — (see Zhu, W. D.) **128**, 66–78
Chen, Z. S., Yang, Y. M., Hu, Z., and Shen, G. J. — Detecting and Predicting Early Faults of Complex Rotating Machinery Based on Cyclostationary Time Series Model. **128**, 666–671(TB)
Cheng, C. C. — (see Wang, P. W.) **128**, 106–114
Chesne, S., Pezerat, C., and Guyader, J. L. — Identification of Boundary Forces in Beams From Measured Displacements. **128**, 757–771
Cole, M. O. T., Keogh, P. S., Burrows, C. R., and Sahinkaya, M. N. — Adaptive Control of Rotor Vibration Using Compact Wavelets. **128**, 653–665
Cooper, P. — (see Leahy, M.) **128**, 798–800(TB)

Dankowicz, Harry — (see Jerrelind, Jenny) **128**, 184–189
Deshmukh, Venkatesh, Butcher, Eric A., and Sinha, S. C. — Order Reduction of Parametrically Excited Linear and Nonlinear Structural Systems. **128**, 458–468
Diez, M. — (see Iemma, U.) **128**, 357–365
Diskovsky, Alexander A. — (see Andrianov, Igor V.) **128**, 532–534(TB)
Dual, Jürg — (see May, Frank) **128**, 535–539(TB)
Duchemin, M., Berlioz, A., and Ferraris, G. — Dynamic Behavior and Stability of a Rotor Under Base Excitation. **128**, 576–585

Dufour, R. — (see Al Majid, A.) **128**, 50–55

Eguchi, Takehiko, and Nakamiya, Teruhiro — An Improved Component-Mode Synthesis Method to Predict Vibration of Rotating Spindles and Its Application to Position Errors of Hard Disk Drives. **128**, 568–575
Eissa, M. H. — (see Amer, Y. A.) **128**, 646–652
Epureanu, Bogdan I., and Hashmi, Ali — Parameter Reconstruction Based on Sensitivity Vector Fields. **128**, 732–740
Erdman, Arthur G. — (see Zhang, Xianmin) **128**, 256–260(TB)
Evrensel, Cahit — (see Kavlicoglu, Barkan) **128**, 604–610

Fang, X., and Tang, J. — Granular Damping in Forced Vibration: Qualitative and Quantitative Analyses. **128**, 489–500
Farrar, Charles R. — (see Park, Gyuhae) **128**, 469–476
Fausz, Jerry — (see Matras, Alex L.) **128**, 682–689
Ferraris, G. — (see Duchemin, M.) **128**, 576–585
Flowers, George T. — (see Matras, Alex L.) **128**, 682–689
Fuchs, Alan — (see Kavlicoglu, Barkan) **128**, 604–610
Fuentes, Robert — (see Matras, Alex L.) **128**, 682–689
Fung, Rong-Fong — (see Ha, Jih-Lian) **128**, 88–96

Gegg, Brandon C. — (see Luo, Albert C. J.) **128**, 97–105
Gopalakrishnan, S. — (see Chakraborty, A.) **128**, 477–488
Gordaninejad, Faramarz — (see Kavlicoglu, Barkan) **128**, 604–610
Guha Niyogi, Arup — Structural Acoustic Problems With Absorbent Layers Within Laminated Composite Enclosures. **128**, 705–712
Guyader, J. L. — (see Chesne, S.) **128**, 757–771

Ha, Jih-Lian, Fung, Rong-Fong, Han, Chang-Fu, and Chang, Jer-Rong — Effects of Frictional Models on the Dynamic Response of the Impact Drive Mechanism. **128**, 88–96
Halkon, Ben J., and Rothberg, Steve J. — Rotor Vibration Measurements Using Laser Doppler Vibrometry: Essential Post-Processing for Resolution of Radial and Pitch/Yaw Vibrations. **128**, 8–20
Hamid Sheikh, Abdul — (see Chakrabarti, Anupam) **128**, 673–681
Han, Chang-Fu — (see Ha, Jih-Lian) **128**, 88–96
Hanson, M. — (see Tzou, H. S.) **128**, 385–391
Hashmi, Ali — (see Epureanu, Bogdan I.) **128**, 732–740
He, Xiaoling — Chaotic Behavior of a Symmetric Laminate With Transient Thermal Field. **128**, 429–438
Heertjes, Marcel, and van de Wouw, Nathan — Nonlinear Dynamics and Control of a Pneumatic Vibration Isolator. **128**, 439–448
Hegazy, U. H. — (see Amer, Y. A.) **128**, 646–652
Hekman, Keith — (see Lawrence, Jason) **128**, 541
Hu, Qinglei, and Ma, Guangfu — Spacecraft Vibration Suppression Using Variable Structure Output Feedback Control and Smart Materials. **128**, 221–230
Hu, Z. — (see Chen, Z. S.) **128**, 666–671(TB)

Ichchou, M. N., and Sui, F. — Closure to "Discussion on 'Prediction of Time-Varying Vibroacoustic Energy Using a New Energy Approach' " (2005, ASME. J. Vib. Acoust., **127**, p. 100). **128**, 411
Iemma, U., Diez, M., and Morino, L. — An Extended Karhunen-Loève Decomposition for Modal Identification of Inhomogeneous Structures. **128**, 357–365
Inman, Daniel J. — (see Sodano, Henry A.) **128**, 294–302
_____ (see Sodano, Henry A.) **128**, 318–327
Inoue, Tsuyoshi, and Ishida, Yukio — Chaotic Vibration and Internal Resonance Phenomena in Rotor Systems. **128**, 156–169
_____ (see Ishida, Yukio) **128**, 741–749
Ishida, Yukio — (see Inoue, Tsuyoshi) **128**, 156–169
_____, **and Inoue, Tsuyoshi** — Detection of a Rotor Crack Using a Harmonic Excitation and Nonlinear Vibration Analysis. **128**, 741–749

Jalili, Nader — (see Tzou, Horn-Sen (H.-S.)) **128**, 802
Janardhan, G. Ranga — (see Rao, G. Venkateswara) **128**, 251–255(TB)
Jeng, Dong-Sheng — (see Lu, Jian-Fei) **128**, 750–756
Jerrelind, Jenny, and Dankowicz, Harry — A Global Control Strategy for Efficient Control of a Braille Impact Hammer. **128**, 184–189

Kakmeni, F. M. Moukam — (see Bowong, S.) **128**, 21–27
Kakoty, Sashindra K., and Roy, Vinay K. — Bulk Reaction Modeling of Sound Propagation Through Circular Dissipative Ducts Backed by an Air Gap. **128**, 699–704
Kandasamy, Selvakumar, and Singh, Anand V. — Transient Vibration Analysis of Open Circular Cylindrical Shells. **128**, 366–374
Kavlicoglu, Barkan, Gordaninejad, Faramarz, Evrensel, Cahit, Fuchs, Alan, and Korol, George — A Semi-Active, High-Torque, Magnetorheological Fluid Limited Slip Differential Clutch. **128**, 604–610
Keogh, P. S. — (see Cole, M. O. T.) **128**, 653–665
Khonsari, M. M. — (see Wang, J. K.) **128**, 197–202
Kim, Hyunchul — (see Shen, I. Y.) **128**, 375–384
Kim, J. — Rotation Effects on Vibration of Structures Seen From a Rotating Beam Simply Supported off the Rotation Axis. **128**, 328–337
Kontsos, A. — (see Spanos, P. D.) **128**, 244–250
Koo, Jeong-Hoi, Ahmadian, Mehdi, and Setareh, Mehdi — Experimental Robustness Analysis of Magneto-Rheological Tuned Vibration Absorbers Subject to Mass Off-Tuning. **128**, 126–131(TB)
Korol, George — (see Kavlicoglu, Barkan) **128**, 604–610
Kruntcheva, Mariana R. — Acoustic-Structural Resonances of Thin-Walled Structure—Gas Systems. **128**, 722–731
Kuchenbecker, H.-P. — (see Chedjou, J. C.) **128**, 282–293
Kumar, Rajiv, Singh, S. P., and Chandrawat, H. N. — Optimized Near Minimum Time Control of Flexible Structures Using Variable Gain (LQG) Control Strategies. **128**, 402–407(TB)
Kuo, Shih-Yao — (see Shiau, Le-Chung) **128**, 1–7
Kyamakya, K. — (see Chedjou, J. C.) **128**, 282–293

Law, S. S. — (see Zhu, X. Q.) **128**, 509–520
Lawrence, Jason, Singhose, William, and Hekman, Keith — Closure to "Discussion of 'Friction-Compensating Command Shaping for Vibration Reduction' " (2006, ASME J. Vib. Acoust., **128**, p. 540). **128**, 541
Leahy, M., Mba, D., Cooper, P., Montgomery, A., and Owen, D. — Detecting Shaft-to-Seal Rubbing in Power Generation Turbines With the Acoustic Emission Technology. **128**, 798–800(TB)
Li, Guoxin, Lin, Zongli, Allaire, Paul E., and Luo, Jihao — Modeling of a High Speed Rotor Test Rig With Active Magnetic Bearings. **128**, 269–281
Lin, Zongli — (see Li, Guoxin) **128**, 269–281
Liu, L. X. — (see Spakovszky, Z. S.) **128**, 542(E)
Liu, Yi, and Shepard, W. Steve, Jr. — Reducing the Impact of Measurement Errors When Reconstructing Spatial Dynamic Forces. **128**, 586–593
Lu, Chung-Jen — Stability Analysis of a Single-Ball Automatic Balancer. **128**, 122–125(TB)
Lu, Jian-Fei, and Jeng, Dong-Sheng — Dynamic Response of a Circular Tunnel Embedded in a Saturated Poroelastic Medium due to a Moving Load. **128**, 750–756
Luo, Albert C. J. — Grazing and Chaos in a Periodically Forced, Piecewise Linear System. **128**, 28–34

——, **and Gegg, Brandon C.** — On the Mechanism of Stick and Nonstick, Periodic Motions in a Periodically Forced, Linear Oscillator With Dry Friction. **128**, 97–105

Luo, Jihao — (see Li, Guoxin) **128**, 269–281

Luongo, Angelo, and Romeo, Francesco — A Transfer-Matrix-Perturbation Approach to the Dynamics of Chains of Nonlinear Sliding Beams. **128**, 190–196

Ma, Guangfu — (see Hu, Qinglei) **128**, 221–230

Mathis, W. — (see Chedjou, J. C.) **128**, 282–293

Matras, Alex L., Flowers, George T., Fuentes, Robert, Balas, Mark, and Fausz, Jerry — Suppression of Persistent Rotor Vibrations Using Adaptive Techniques. **128**, 682–689

May, Frank, and Dual, Jürg — A Method for Liquid Level Detection Under Complicated Boundary Conditions. **128**, 535–539(TB)

Mba, D. — (see Leahy, M.) **128**, 798–800(TB)

Mei, C. — Differential Transformation Approach for Free Vibration Analysis of a Centrifugally Stiffened Timoshenko Beam. **128**, 170–175

Montgomery, A. — (see Leahy, M.) **128**, 798–800(TB)

Morino, L. — (see Iemma, U.) **128**, 357–365

Moussa, I. — (see Chedjou, J. C.) **128**, 282–293

Myer, Eric C. — (see Brungart, Timothy A.) **128**, 772–777

Nakamiya, Teruhiro — (see Eguchi, Takehiko) **128**, 568–575

Nayfeh, Samir A. — (see Zuo, Lei) **128**, 56–65

Ou, Kwuen-Yieng — (see Bai, Mingsian R.) **128**, 690–698

Owen, D. — (see Leahy, M.) **128**, 798–800(TB)

Park, Gyuhae, Farrar, Charles R., Rutherford, Amanda C., and Robertson, Amy N. — Piezoelectric Active Sensor Self-Diagnostics Using Electrical Admittance Measurements. **128**, 469–476

Park, K. C. — (see Sakamoto, Hiraku) **128**, 790–797

Parker, Robert G. — (see Ambarisha, Vijaya Kumar) **128**, 133–142

—— (see Canchi, Sripathi Vangipuram) **128**, 231–243

Petrie, Howard L. — (see Brungart, Timothy A.) **128**, 772–777

Pezerat, C. — (see Chesne, S.) **128**, 757–771

Rahn, Christopher D. — (see Zhao, Haiyu) **128**, 527–531(TB)

Ramezani, Asghar, Alasty, Aria, and Akbari, Javad — Effects of Rotary Inertia and Shear Deformation on Nonlinear Free Vibration of Microbeams. **128**, 611–615

Rao, G. Venkateswara, Saheb, K. Meera, and Janardhan, G. Ranga — Concept of Coupled Displacement Field for Large Amplitude Free Vibrations of Shear Flexible Beams. **128**, 251–255(TB)

Ray, Laura R. — (see Solbeck, Jason A.) **128**, 210–220

Richards, Christopher M. — (see Zhang, Jie) **128**, 713–721

Robertson, Amy N. — (see Park, Gyuhae) **128**, 469–476

Romeo, Francesco — (see Luongo, Angelo) **128**, 190–196

Rosenstein, Moshe — (see Bucher, Izhak) **128**, 545–554

Rothberg, Steve J. — (see Halkon, Ben J.) **128**, 8–20

Roy, Anthony M. — (see Segalman, Daniel J.) **128**, 303–317

Roy, Vinay K. — (see Kakoty, Sashindra K.) **128**, 699–704

Rutherford, Amanda C. — (see Park, Gyuhae) **128**, 469–476

Ruzzene, M. — (see Spadoni, A.) **128**, 616–626

Sabbah, A. S. — (see Amer, Y. A.) **128**, 646–652

Saheb, K. Meera — (see Rao, G. Venkateswara) **128**, 251–255(TB)

Sahinkaya, M. N. — (see Cole, M. O. T.) **128**, 653–665

Sakamoto, Hiraku, and Park, K. C. — Localized Vibration Isolation Strategy for Low-Frequency Excitations in Membrane Space Structures. **128**, 790–797

Saravanos, Dimitris A. — (see Varelis, Dimitris) **128**, 41–49

Segalman, Daniel J., Roy, Anthony M., and Starr, Michael J. — Modal Analysis to Accommodate Slap in Linear Structures. **128**, 303–317

Setareh, Mehdi — (see Koo, Jeong-Hoi) **128**, 126–131(TB)

Shahruz, S. M. — Discussion: "Friction-Compensating Command Shaping for Vibration Reduction" (Lawrence, J., Singhose, W., and Hekman, K., 2005, ASME J. Vib. Acoust., **127**, pp. 307–314). **128**, 540(D)

Shen, G. J. — (see Chen, Z. S.) **128**, 666–671(TB)

Shen, Guangyan, Xiao, Zhonghui, Zhang, Wen, and Zheng, Tiesheng — Nonlinear Behavior Analysis of a Rotor Supported on Fluid-Film Bearings. **128**, 35–40

Shen, I. Y., and Kim, Hyunchul — A Linearized Theory on Ground-Based Vibration Response of Rotating Asymmetric Flexible Structures. **128**, 375–384

Shepard, W. Steve, Jr. — (see Liu, Yi) **128**, 586–593

Sherif, Hany A. — (see Abd-Elwahab, Mostafa) **128**, 338–346

Sheu, G. J. — (see Yang, S. M.) **128**, 143–147

Shiau, Le-Chung, and Kuo, Shih-Yao — Free Vibration of Thermally Buckled Composite Sandwich Plates. **128**, 1–7

Shiryayev, Oleg V., and Slater, Joseph C. — Panel Flutter Model Identification Using the Minimum Model Error Method on the Forced Response Measurements. **128**, 635–645

Sims, Neil D — Limit Cycle Behavior of Smart Fluid Dampers Under Closed Loop Control. **128**, 413–428

Singh, Anand V. — (see Kandasamy, Selvakumar) **128**, 366–374

Singh, S. P. — (see Kumar, Rajiv) **128**, 402–407(TB)

Singhose, William — (see Lawrence, Jason) **128**, 541

Sinha, Alok — Computation of the Statistics of Forced Response of a Mistuned Bladed Disk Assembly via Polynomial Chaos. **128**, 449–457

Sinha, S. C. — (see Deshmukh, Venkatesh) **128**, 458–468

Slater, Joseph C. — (see Shiryayev, Oleg V.) **128**, 635–645

Smith, Adam K. — (see Bisnette, Jesse B.) **128**, 148–155

Sodano, Henry A., Bae, Jae-Sung, Inman, Daniel J., and Belvin, W. Keith — Improved Concept and Model of Eddy Current Damper. **128**, 294–302

——, **Inman, Daniel J., and Belvin, W. Keith** — Development of a New Passive-Active Magnetic Damper for Vibration Suppression. **128**, 318–327

Solbeck, Jason A., and Ray, Laura R. — Damage Identification Using Sensitivity-Enhancing Control and Identified Models. **128**, 210–220

Spadoni, A., and Ruzzene, M. — Structural and Acoustic Behavior of Chiral Truss-Core Beams. **128**, 616–626

Spakovszky, Z. S., and Liu, L. X. — Erratum: "Scaling Laws for Ultra-Short Hydrostatic Gas Journal Bearings" [Journal of Vibration and Acoustics, 2005, **127**(3), pp. 254–261]. **128**, 542(E)

Spanos, P. D., Kontsos, A., and Cacciola, P. — Steady-State Dynamic Response of Preisach Hysteretic Systems. **128**, 244–250

Starr, Michael J. — (see Segalman, Daniel J.) **128**, 303–317

Sui, F. — (see Ichchou, M. N.) **128**, 411

Sun, Guangyoung — Auxiliary Bearing Life Prediction Using Hertzian Contact Bearing Model. **128**, 203–209

Tadi, M. — On the Stability of Second Order Time Varying Linear Systems. **128**, 408–410(TB)

Tang, J. — (see Fang, X.) **128**, 489–500

Tonoli, Andrea, Amati, Nicola, and Zenerino, Enrico — Dynamic Modeling of Belt Drive Systems: Effects of the Shear Deformations. **128**, 555–567

Topdar, Pijush — (see Chakrabarti, Anupam) **128**, 673–681

Trindade, Marcelo A. — Reduced-Order Finite Element Models of Viscoelastically Damped Beams Through Internal Variables Projection. **128**, 501–508

Tsao, Teng-Chieh — (see Bai, Mingsian R.) **128**, 594–603

Tzou, H. S., Chai, W. K., and Arnold, S. M. — Structronics and Actuation of Hybrid Electrostrictive/Piezoelectric Thin Shells. **128**, 79–87
——, **Chai, W. K., and Hanson, M.** — Dynamic Actuation and Quadratic Magnetoelastic Coupling of Thin Magnetostrictive Shells. **128**, 385–391
Tzou, Horn-Sen (H.-S.), and Jalili, Nader — 2007 ASME International Design Engineering Technical Conferences (IDETC2007) September 4–7, 2007 Rio All-Suite Hotel & Casino, Las Vegas, Nevada, USA. **128**, 802

van de Wouw, Nathan — (see Heertjes, Marcel) **128**, 439–448
Varelis, Dimitris, and Saravanos, Dimitris A. — Small-Amplitude Free-Vibration Analysis of Piezoelectric Composite Plates Subject to Large Deflections and Initial Stresses. **128**, 41–49
Vipperman, Jeffrey S. — (see Bisnette, Jesse B.) **128**, 148–155

Wang, J. K., and Khonsari, M. M. — Prediction of the Stability Envelope of Rotor-Bearing System. **128**, 197–202
Wang, P. W., and Cheng, C. C. — Design of Vibration Absorbers for Structures Subject to Multiple-Tonal Excitations. **128**, 106–114
Wen, Changyun — (see Zhou, Jing) **128**, 261–268(TB)

Xiao, Zhonghui — (see Shen, Guangyan) **128**, 35–40

Yang, S. M., and Sheu, G. J. — On the Spillover of Steady State Unbalance Response of a Rotating Shaft Under Velocity Feedback. **128**, 143–147
Yang, Tian-Shiang — (see Chen, Kuo-Shen) **128**, 778–789
Yang, Y. M. — (see Chen, Z. S.) **128**, 666–671(TB)
Yau, Her-Terng, and Chen, Chieh-Li — Electric-Hydraulic Actuator Design for a Hybrid Squeeze-Film Damper-Mounted Rigid Rotor System With Active Control. **128**, 176–183
Yin, Jui-Feng — (see Chen, Kuo-Shen) **128**, 778–789
Yuan, Jing — Active Resonators for Noise Absorption. **128**, 115–121

Zenerino, Enrico — (see Tonoli, Andrea) **128**, 555–567
Zhang, Jie, and Richards, Christopher M. — Dynamic Analysis and Parameter Identification of a Single Mass Elastomeric Isolation System Using a Maxwell-Voigt Model. **128**, 713–721
Zhang, Wen — (see Shen, Guangyan) **128**, 35–40
Zhang, Xianmin, and Erdman, Arthur G. — Optimal Placement of Piezoelectric Sensors and Actuators for Controlled Flexible Linkage Mechanisms. **128**, 256–260(TB)
Zhao, Cheng, Chen, Lesheng, and Chen, Dayue — Semi-Active Static Output Feedback Variable Structure Control for Two-Stage Vibration Isolation System. **128**, 627–634
Zhao, Haiyu, and Rahn, Christopher D. — On the Control of Axially Moving Material Systems. **128**, 527–531(TB)
Zheng, Tiesheng — (see Shen, Guangyan) **128**, 35–40
Zhou, Jing, Wen, Changyun, and Cai, Wenjian — Adaptive Control of a Base Isolated System for Protection of Building Structures. **128**, 261–268(TB)
Zhu, W. D., and Chen, Y. — Theoretical and Experimental Investigation of Elevator Cable Dynamics and Control. **128**, 66–78
Zhu, X. Q., Law, S. S., and Bu, J. Q. — A State Space Formulation for Moving Loads Identification. **128**, 509–520
Zuo, Lei, and Nayfeh, Samir A. — The Two-Degree-of-Freedom Tuned-Mass Damper for Suppression of Single-Mode Vibration Under Random and Harmonic Excitation. **128**, 56–65